

AEROJET

**Integrated
Advanced Microwave Sounding Unit-A (AMSU-A)
Monthly Report for August 2000**

**Contract No: NAS5-32314
CDRL 529: (Including CDRL 004, 203, 204, and 503)**

Submitted To:

**National Aeronautics and Space Administration
Goddard Space Flight Center
Greenbelt, Maryland 20771**

Submitted By:

**Aerojet
1100 West Hollyvale Street
Azusa, California 91702**

Aerojet

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Section 1

INTRODUCTION

This is the 91st Monthly Report for the Advanced Microwave Sounding Unit-A (EOS/AMSU-A), Contract NAS5-32314, and covers the period from 01 August through 31 August 2000.

Included in this report are Combined Program Delivery Schedules and Reports (Section 2); a report from the Product Team Leaders on the status of all major program elements (Section 3); Contract Data Requirements List (CDRL) 503, the Weight and Power Budgets (Section 5); CDRL 204, reporting on the activities of Performance Assurance (Section 3.2.1); CDRL 203, the Configuration Management Status Report (Section 6); and the Documentation/Data Management Status Report (Section 7).

Section 2

The AMSU-A and Combined Program 90 Day Window Schedule is presented as Appendix A.

Section 3
STATUS REPORTS

Section 3.1

PROGRAM OVERVIEW

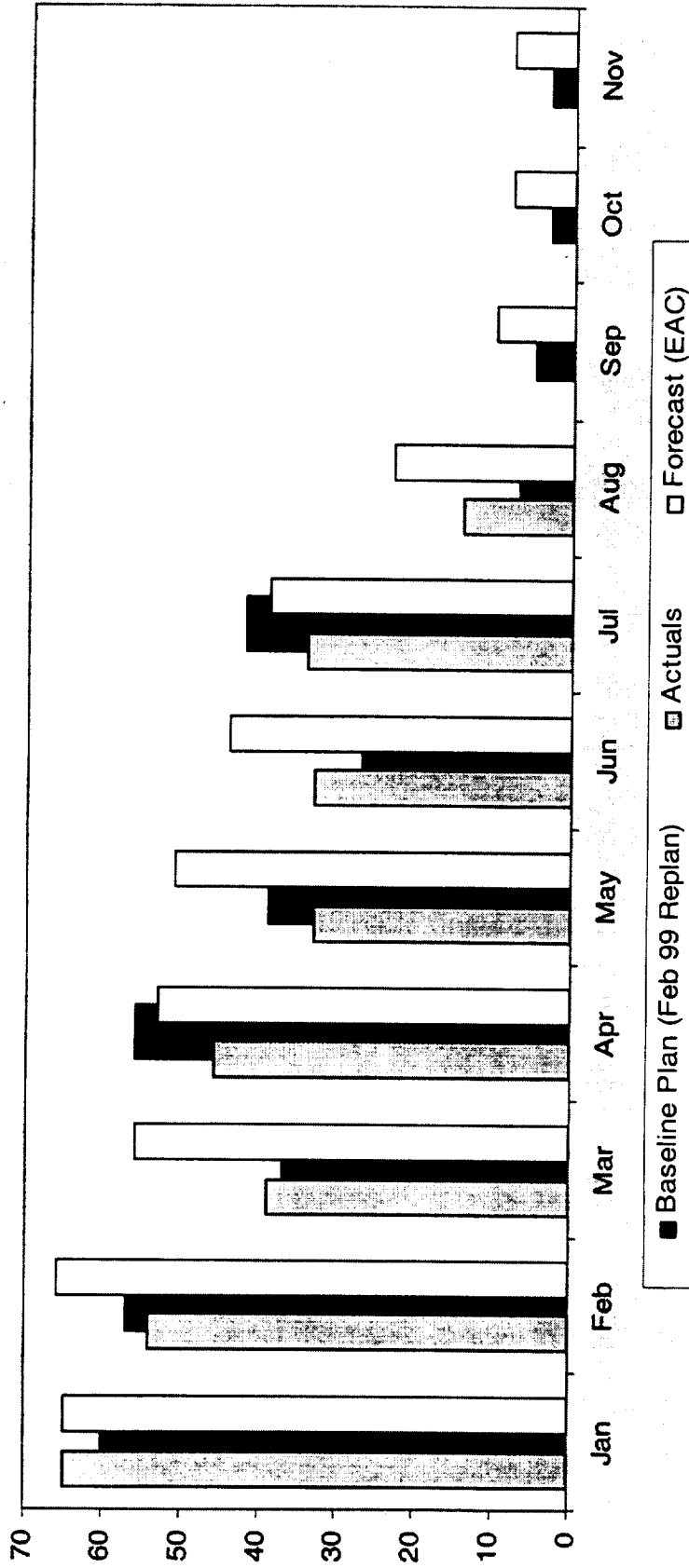
Program Status Summary

AMSU-A Staffing FY 00

Plan/Actuals/Forecast Chart

Remote
Sensing

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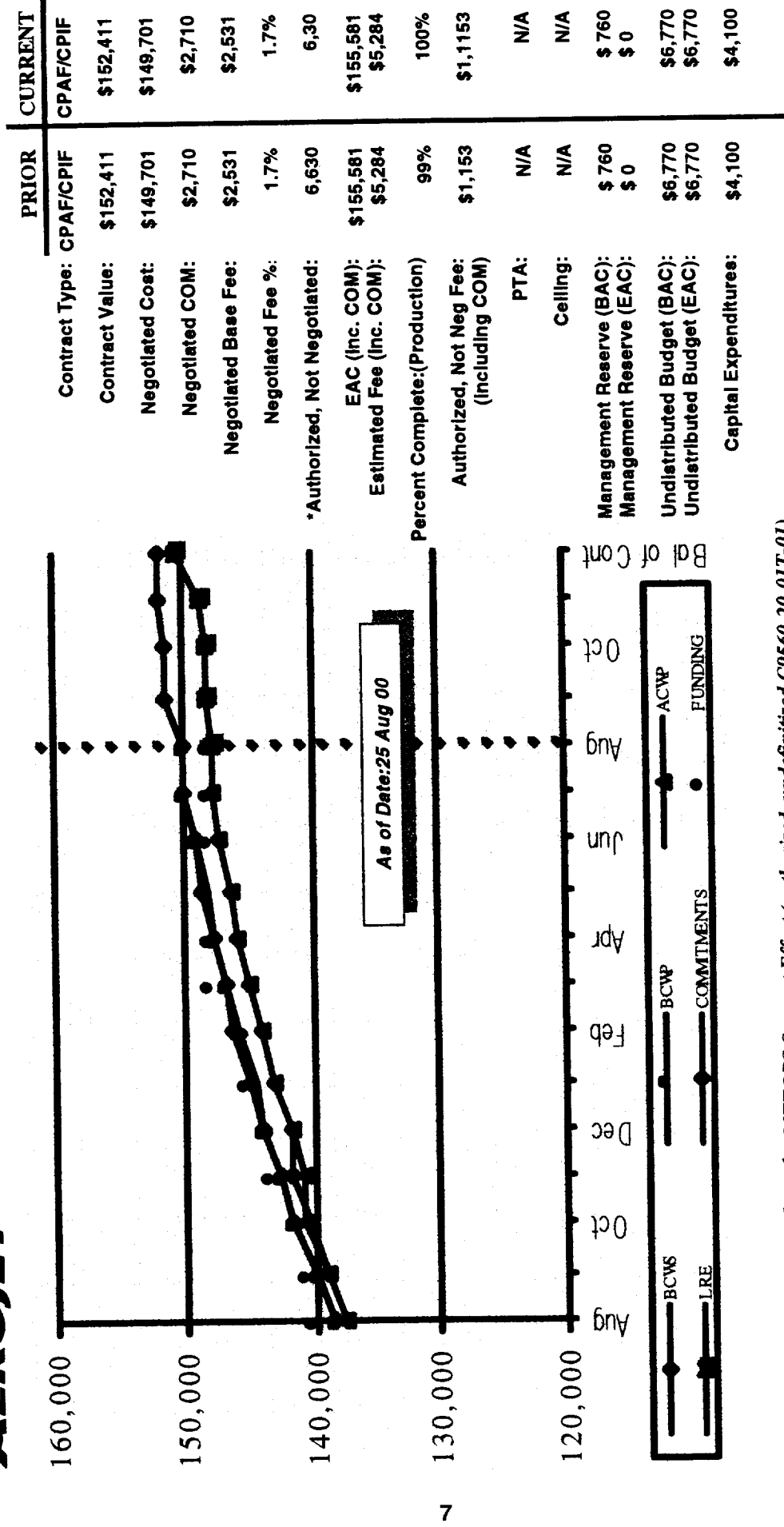


	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Baseline Plan (Feb 99 Replan)	60	57	37	56	39	27	42	7	5	3	3	3
Actuals	65	54	39	46	33	33	34	14	10	8	8	7
Forecast (EAC)	65	66	56	53	51	44	39	23				

Integrated AMSU-A Funding Status (\$K)

Remote
Sensing

AEROJET



*Note: Contains planning package for METOPS Support Effort (authorized, undefined C9560-20-01T-01)

Budget BCWS	Earnings BCWP	Actuals ACWP	Schedule Variance	Cost Variance	Budget At Completion	Estimate At Completion	Variance At Completion
July \$149,873	\$149,678	\$147,500	(\$195)	\$2,178	\$158,024	\$155,581	\$2,443
Aug \$150,094	\$150,094	\$147,756	\$0	\$2,338	\$158,024	\$155,581	\$2,443

* METOP Support @ \$5,613K

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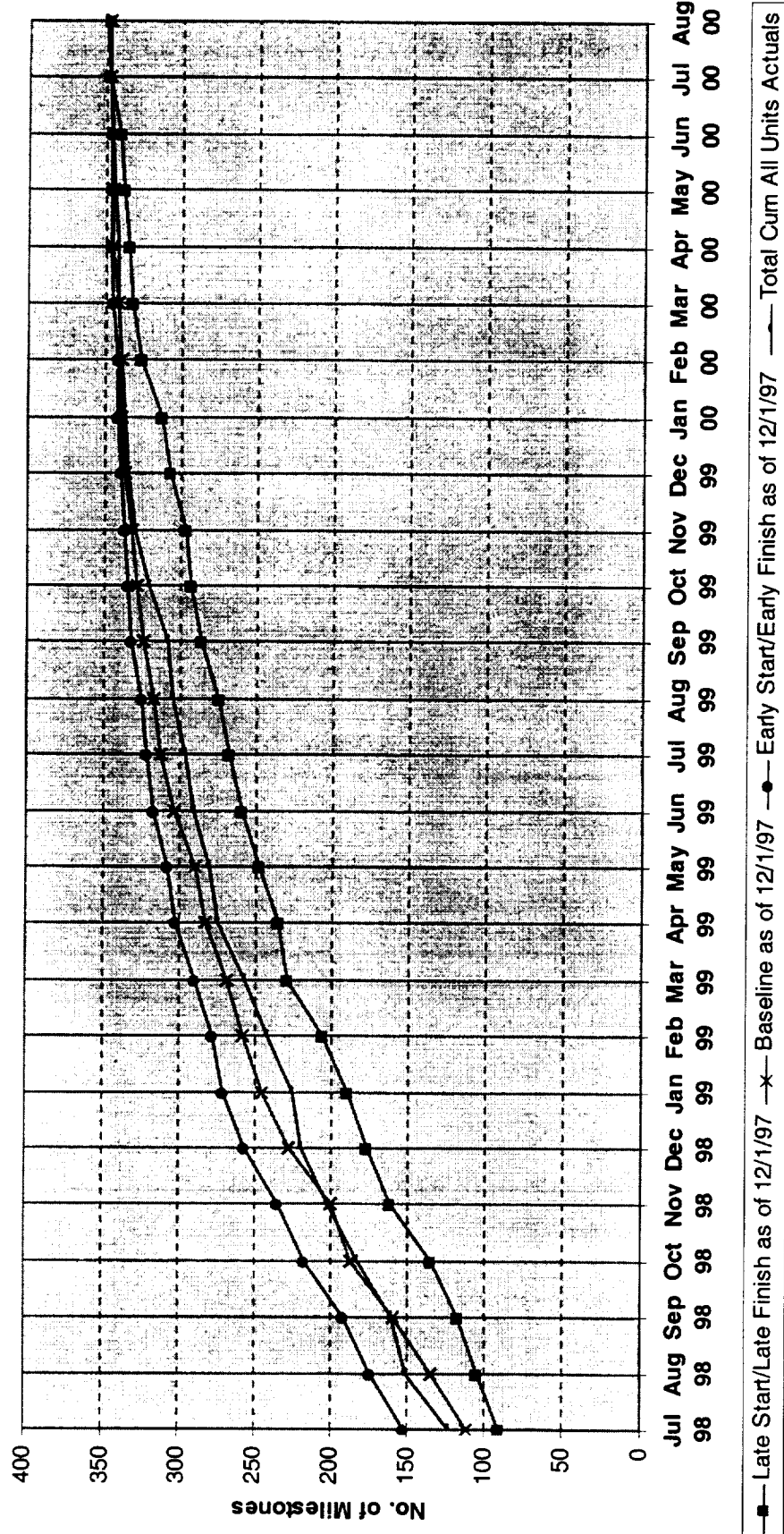
Award Fee/Customer Delight Requirements/Criteria for Current Period

- Current Period 1 Jan 00 - 15 Aug 00
- Current Milestones
 - Events: 3 for the Period
 - All Relate to Spare Hardware
 - Issues with Completions Due to Priorities, -8 Only Open Issue Currently
- Critical Items
 - METSAT 4 A1 and A2 Complete
 - METSAT 5 A2 Complete, A1 In T/V
- Technical/Schedule/Cost
 - No Open Technical Issues
 - Cost Variance Positive
 - Schedule Variance Positive
- Briefing at Goddard Scheduled for 26 Sep 00

INTEGRATED AMSU-A NASA MILESTONE COMPLETIONS

NASA MILESTONES

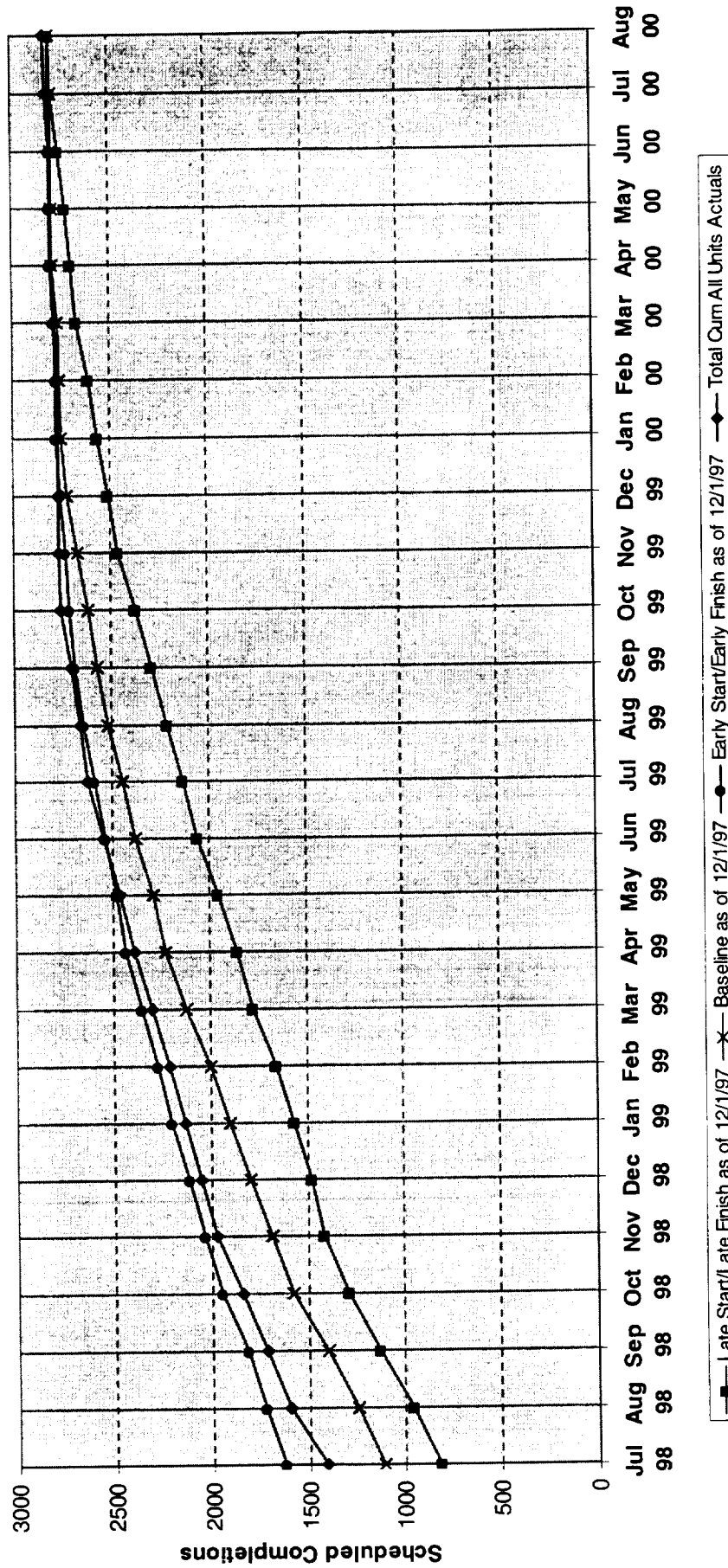
As of: 8/25/00



INTEGRATED AMSU-A SCHEDULE COMPLETIONS

AMSU-A SCHEDULED COMPLETIONS

As of 8/25/00



3.1.1 Program Review Status

Completed 109 A1 Pre Ship Review; production efforts now complete.

3.1.2 Program Priority List for the Month of August

1. Support TRW, Lockheed-Martin and Europeans on spacecraft integration tasks.
2. Complete checkout of spare components. Visited Filtronics, and spares are now being worked. Only open item is performance of -8.
3. Maintain/retest hardware located at Aerojet as required.

3.1.3 Integrated AMSU-A Action Items, Manpower

5. INTEGRATED AMSU-A WEEKLY EQUIVALENT MAN-HOUR REPORT

ORGANIZATION DESCRIPTION	PLAN Jul EMM	LRE Jul EMM	WEEKLY ACTUALS				AVER EMM	CONTRACT LABOR
			8-Jul	15-Jul	22-Jul	29-Jul		
PRODUCTION	24.8	25.9	31.6	32.6	22.4	19.3	26.5	
POST PRODUCTION	10.1	3.3	6.1	2.3	2.8	2.7	3.5	
PROGRAM SUPPORT	8.6	3.1	3.2	2.7	3.3	3.0	3.1	
TASK ORDERS		1.4		1.4	2.5	1.2	1.3	
GRAND TOTAL	43.5	33.7	40.9	39.0	31.0	26.2	34.3	0.0

6. NASA ACTION ITEMS

LINE	A1#	SOURCE	STATUS	ACTION ITEM	LEAD	ORIGINAL DUE DATE		CURRENT DUE DATE	
						DUE DATE		DUE DATE	
1	01/25/00	Qtrly		Post Production Activity warrants a follow-up meeting. The following actions need to be completed to prepare for a meeting.					
				H. Develop major rework scenarios. Include setback schedule and resources required.	C/P/A	May-00		Jul-00	

5. INTEGRATED AMSU-A WEEKLY EQUIVALENT MAN-HOUR REPORT

ORGANIZATION DESCRIPTION	PLAN AUG EMM *	LRE AUG EMM *	WEEKLY ACTUALS				AVER EMM	CONTRACT LABOR
			5-Aug	12-Aug	19-Aug	26-Aug		
PRODUCTION	0.7	10.9	11.9				11.9	
POST PRODUCTION	6.1	6.1	1.8				1.8	
PROGRAM SUPPORT	1.0	0.5	2.9				2.9	
TASK ORDERS		0.0	0.5				0.5	
GRAND TOTAL	7.8	17.5	17.1	0.0	0.0	0.0	17.1	0.0

* Preliminary July month end data.

6. NASA ACTION ITEMS

LINE	A1#	SOURCE	STATUS	ACTION ITEM	ORIGINAL		CURRENT	
					LEAD	DUE DATE	DUE DATE	
1	01/25/00	Qtrly		Post Production Activity warrants a follow-up meeting. The following actions need to be completed to prepare for a meeting.				
				H. Develop major rework scenarios. Include setback schedule and resources required.	C/P/A	May -00	Aug-00	

5. INTEGRATED AMSU-A WEEKLY EQUIVALENT MAN-HOUR REPORT

ORGANIZATION DESCRIPTION	PLAN AUG EMM *	LRE AUG EMM *	WEEKLY ACTUALS				AVER EMM	CONTRACT LABOR
			5-Aug	12-Aug	19-Aug	26-Aug		
PRODUCTION	0.7	10.9	11.9	4.8			8.4	
POST PRODUCTION	6.1	6.1	1.8	1.8			1.8	
PROGRAM SUPPORT	1.0	0.5	2.9	2.8			2.9	
TASK ORDERS		0.0	0.5	0.5			0.5	
GRAND TOTAL	7.8	17.5	17.1	9.9	0.0	0.0	13.5	0.0

* Preliminary July month end data.

6. NASA ACTION ITEMS

LINE	A1#	SOURCE	STATUS	ACTION ITEM	LEAD	ORIGINAL	CURRENT
						DUE DATE	DUE DATE
1	01/25/00	Qtrly		Post Production Activity warrants a follow-up meeting. The following actions need to be completed to prepare for a meeting.			
2	08/14-14	Weekly	C	H. Develop major rework scenarios. Include setback schedule and resources required.	C/P/A	May-00	Aug-00
				J7 Connector ECN	Patel	8/18/00	

5. INTEGRATED AMSU-A WEEKLY EQUIVALENT MAN-HOUR REPORT

ORGANIZATION DESCRIPTION	PLAN AUG EMM *	LRE AUG EMM *	WEEKLY ACTUALS				AVER EMM	CONTRACT LABOR
			5-Aug	12-Aug	19-Aug	26-Aug		
PRODUCTION	0.7	10.9	11.9	4.8	9.2		8.6	
POST PRODUCTION	6.1	6.1	1.8	1.8	1.0		1.5	
PROGRAM SUPPORT	1.0	0.5	2.9	2.8	2.0		2.6	
TASK ORDERS			0.5	0.5			0.3	
GRAND TOTAL	7.8	17.5	17.1	9.9	12.2	0.0	13.1	

* Preliminary July month end data.

6. NASA ACTION ITEMS

LINE	AI#	SOURCE	STATUS	ACTION ITEM	LEAD	ORIGINAL		CURRENT	
						DUE DATE	DUE DATE	DUE DATE	DUE DATE
1	01/25/00	Qtrly		Post Production Activity warrants a follow-up meeting. The following actions need to be completed to prepare for a meeting.					
				H. Develop major rework scenarios. Include setback schedule and resources required.	C/P/A	May-00		Aug-00	

5. INTEGRATED AMSU-A WEEKLY EQUIVALENT MAN-HOUR REPORT

ORGANIZATION DESCRIPTION	PLAN AUG EMM *	LRE AUG EMM *	WEEKLY ACTUALS				AVER EMM	CONTRACT LABOR
			5-Aug	12-Aug	19-Aug	26-Aug		
PRODUCTION	0.7	10.9	11.9	4.8	9.2	14.0	10.0	
POST PRODUCTION	6.1	6.1	1.8	1.8	1.0	1.4	1.5	
PROGRAM SUPPORT	1.0	0.5	2.9	2.8	2.0		1.9	
TASK ORDERS			0.5	0.5			0.3	
GRAND TOTAL	7.8	17.5	17.1	9.9	12.2	15.4	13.7	

* Preliminary July month end data.

6. NASA ACTION ITEMS

LINE	A1#	SOURCE	STATUS	ACTION ITEM	LEAD	ORIGINAL	CURRENT
						DUE DATE	DUE DATE
1	01/25/00	Qtrly		Post Production Activity warrants a follow-up meeting. The following actions need to be completed to prepare for meeting.			
				H. Develop major rework scenarios. Include setback schedule and resources required.	C/P/A	May-00	Aug-00

3.2 Weekly Reports

3.2.1 Spare/Task Assignment, System Engineering & Test (SEIT) and Performance Assurance (CDRL 204) Following are the reports for the above.

1. Storage Test

<i>Unit</i>	<i>S/N</i>	<i>Activity</i>
AMSU-A1	S/N 106	Retest Due Jan '01
AMSU-A2	S/N 107	Retest Due Jan '01
AMSU-A2	S/N 106	Retest Due Apr '01
AMSU-A1	S/N 108	Retest Due Dec '00
AMSU-A2	S/N 108	Retest Due Dec '00
Drive Motor	Spare	Retest Due Sept '00

2. Spacecraft Support

<i>S/C</i>	<i>Description</i>
EOS/TRW	Continue to support daily integration activities as required. Support weekly Hardware CPT telecons with TRW and NASA.
METSAT/LMMS	Provided inputs to the PLO lock detect anomaly investigation on NOAA-L.
METOP	No significant activity.

3. Spare Status

<i>Channel</i>	<i>Status</i>	<i>ECD</i>
5 DRO	In Acceptance retest at Filtronics	31 Aug
8 DRO	Unit returned to Filtronics for troubleshooting and rework. Awaiting rework plan from Filtronics.	31 Aug
7 DRO	Unit returned to Filtronics for troubleshooting and rework plan from Filtronics.	31 Aug
1348351-1 & 1336610 Spare Kit	Kit at Filtronics until completion of DRO 5, 7 and 8 rework, P.O. A83000.	31 Aug

4. Performance Assurance Activities

<i>Activity</i>	<i>Accomplishment</i>
Test Reports and As-Built Report for A1-109	Completed/delivered reports by 1 August.
Fastener action item from NASA HQ	Meeting conducted. Reviewing usage on AMSU-A of any fasteners with > 1/4" diameter.
F/ARs	8 F/ARs approved by NASA; 3 F/ARs awaiting NASA approval; 5 F/ARs in work.

1. Storage Test

<i>Unit</i>	<i>S/N</i>	<i>Activity</i>
AMSU-A1	S/N 106	Retest Due Jan '01
AMSU-A2	S/N 107	Retest Due Jan '01
AMSU-A2	S/N 106	Retest Due Apr '01
AMSU-A1	S/N 108	Retest Due Dec '00
AMSU-A2	S/N 108	Retest Due Dec '00
Drive Motor/AMSU-A1	Spare	Test Completed

2. Spacecraft Support

<i>S/C</i>	<i>Description</i>
EOS/TRW	Continue to support daily integration activities as required. Support weekly Hardware CPT telecons with TRW and NASA.
METSAT/LMMS	No significant activity.
METOP	No significant activity.

3. Spare Status

<i>Channel</i>	<i>Status</i>	<i>ECD</i>
5 DRO	In Acceptance retest at Filtronics	18 Aug
8 DRO	Unit returned to Filtronics for troubleshooting and rework. Awaiting rework plan from Filtronics.	27 Aug
7 DRO	In precap inspection.	31 Aug
1348351-1 & 1336610 Spare Kit	Kit at Filtronics until completion of DRO 5, 7 and 8 rework, P.O. A83000.	31 Aug

4. Performance Assurance Activities

Open F/ARs

<i>F/AR No.</i>	<i>Description</i>	<i>Status</i>
233/234	A1-109 (out-of-spec linearity/calibration accuracy))	Awaiting NASA approval
212B	Mixer-Amplifier, S/N 7A38 (Spare)	Awaiting NASA approval
224	DRO, Channel 5, S/N 85033 (Spare)	Awaiting ATP of reworked DRO
225	DRO, Channel 8, S/N 85074 (Spare)	Awaiting troubleshooting/analysis at Filtronic
230	DRO, Channel 7, S/N 85017 (Spare)	Awaiting ATP of reworked DRO
232	A1-107 (Defective Humidity Indicator)	Final F/AR in preparation

1. Storage Test

<i>Unit</i>	<i>S/N</i>	<i>Activity</i>
AMSU-A1	S/N 106	Retest Due Jan '01
AMSU-A2	S/N 106	Retest Due Apr '01
AMSU-A1	S/N 108	Retest Due Dec '00
AMSU-A2	S/N 108	Retest Due Dec '00

2. Spacecraft Support

<i>S/C</i>	<i>Description</i>
EOS/TRW	Continue to support daily integration activities as required.
METSAT/LMMS	No significant activity.
METOP	No significant activity.

3. Spare Status

<i>Channel</i>	<i>Status</i>	<i>ECD</i>
5 DRO	In Acceptance retest at Filtronics	18 Aug
8 DRO	Unit returned to Filtronics for troubleshooting and rework. Awaiting rework plan from Filtronics.	27 Aug
7 DRO	In precap inspection.	31 Aug
1348351-1 & 1336610 Spare Kit	Kit at Filtronics until completion of DRO 5, 7 and 8 rework, P.O. A83000.	31 Aug

4. Performance Assurance Activities

Open F/ARs

<i>F/AR No.</i>	<i>Description</i>	<i>Status</i>
233/234	A1-109 (out-of-spec linearity/calibration accuracy)	Awaiting NASA approval
224	DRO, Channel 5, S/N 85033 (Spare)	Awaiting ATP of reworked DRO
225	DRO, Channel 8, S/N 85074 (Spare)	Awaiting troubleshooting/analysis at Filtronic
230	DRO, Channel 7, S/N 85017 (Spare)	Awaiting ATP of reworked DRO

1. Storage Test

<i>Unit</i>	<i>S/N</i>	<i>Activity</i>
AMSU-A1	S/N 106	Retest Due Jan '01
AMSU-A2	S/N 106	Retest Due Apr '01
AMSU-A1	S/N 108	Retest Due Dec '00
AMSU-A2	S/N 108	Retest Due Dec '00

2. Spacecraft Support

<i>S/C</i>	<i>Description</i>
EOS/TRW	Continue to support daily integration activities as required.
METSAT/LMMS	BAT Test at LMMS.
METOP	No significant activity.

3. Spare Status

<i>Channel</i>	<i>Status</i>	<i>ECD</i>
5 DRO	Complete. Close out of paperwork in process.	18 Aug
8 DRO	Develop rework plan.	TBD
7 DRO	Rework and ATP plan submitted..	31 Aug
1348351-1 & 1336610 Spare Kit	Kit at Filtronics until completion of DRO 5, 7 and 8 rework, P.O. A83000.	31 Aug

4. Performance Assurance Activities

Open F/ARs

<i>F/AR No.</i>	<i>Description</i>	<i>Status</i>
233/234	A1-109 (out-of-spec linearity/calibration accuracy)	Awaiting NASA approval.
224	DRO, Channel 5, S/N 85033 (Spare)	DRO passed ATP; awaiting source inspection.
225	DRO, Channel 8, S/N 85074 (Spare)	Develop rework plan.
230	DRO, Channel 7, S/N 85017 (Spare)	Rework/retest plan submitted by Filtronic for FRB approval.

1. Storage Test

<i>Unit</i>	<i>S/N</i>	<i>Activity</i>
AMSU-A1	S/N 106	Retest Due Jan '01
AMSU-A2	S/N 106	Retest Due Apr '01
AMSU-A1	S/N 108	Retest Due Dec '00
AMSU-A2	S/N 108	Retest Due Dec '00

2. Spacecraft Support

<i>S/C</i>	<i>Description</i>
EOS/TRW	Continue to support daily integration activities as required.
METSAT/LMMS	No significant activity.
METOP	No significant activity.

3. Spare Status

<i>Channel</i>	<i>Status</i>	<i>ECD</i>
5 DRO	Received.	
8 DRO	Develop rework plan.	TBD
7 DRO	Rework and ATP plan submitted.	31 Aug
1348351-1 & 1336610 Spare Kit	Kit at Filtronics until completion of DRO 5, 7 and 8 rework, P.O. A83000.	31 Aug

4. Performance Assurance Activities

Open F/ARs

<i>F/AR No.</i>	<i>Description</i>	<i>Status</i>
225	DRO, Channel 8, S/N 85074 (Spare)	Develop rework plan.
230	DRO, Channel 7, S/N 85017 (Spare)	FRB plan approved.

5.0 Weight and Power Budgets (CDRL 503)

AMSU-A WEIGHT

	AMSU-A1 (lbs.)		AMSU-A2 (lbs.)	
	METSAT	EOS	METSAT	EOS
ESTIMATED TOTAL	121.5	112.1	108.9	95.4
SPECIFICATION (MAX.)	123	131	110	110
MEASURED	119 (S/N 105)	109	109.5 (S/N 105)	93

AMSU-A POWER

		AMSU-A1 (WATTS)						AMSU-A2 (WATTS)					
		METSAT			EOS			METSAT			EOS		
		Main Load Bus		Pulse Load Bus	Quiet Bus		Noisy Bus	Main Load Bus		Pulse Load Bus	Quiet Bus		Noisy Bus
		Nom	Max	Nom	Max	Nom	Max	Nom	Max	Nom	Max	Nom	Max
Specification (Max)		63.8	82.0	2.9	6.0	67.9	88.0	3.6	6.0	6.4	12.0	18.9	25.0
		82.0		6.0						12.0		3.6	6.0
		88.0											
Measured Total		66.7 (S/N 105)						94.0		37.0		31.0	
								71.5		22.7 (S/N 105)		22.5	

Section 6

CONFIGURATION MANAGEMENT STATUS REPORT (CDRL 203)

Section 6

CONFIGURATION MANAGEMENT STATUS REPORT (CDRL 203)

During this reporting period no drawings were released and submitted to NASA by Configuration Management.

No Deviations or Waivers were generated during this reporting period. Deviations/ Waivers are shown in the Table below.

DEVIATION/WAIVER STATUS						
DEV/ WAV	DATE	TITLE	PART NAME	PART NO.	EFF	STATUS
W001	08/14/95	Alt Vendor Cert	Brushless Mtr A1 Brushless Mtr A2 Resolver	1313921-1/ 1333648-1/ 1331529-1	105-Up/202-Up	Disappvd 9/25/95
D001	09/29/97	Conformal Coating	Circuit Card Assemblies	Various	All CCA's	Resubmit as Rev.A
D001A	11/11/97	Conformal	Circuit Card	Various	All CCA's	Cancelled

Configuration Management issued no Engineering Change Notices (ECN) as shown in Table X.

Report 10300-84
September 2000

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Section 7

DOCUMENT / DATA MANAGEMENT STATUS REPORT

Section 7

DOCUMENT/DATA MANAGEMENT STATUS REPORT

7.1 August Submittals. During this reporting period. Data Management submitted twenty two Contract Documentation Requirements Listing (CDRLs) and two non-CDRLs as shown in Table XI.

Table XI August Document Submittal

CDRL No.	Description	Due to NASA	Submitted to NASA
Aug-00			
32	PSR Data Pkg-Bk1, Rpt 11820	08/03/00	08/02/00
	Report 11820A, Book 2	08/22/00	08/21/00
	Report 11820A, Book 1	08/23/00	08/22/00
203	C.M. Status Rpt (Included in CDRL 529)	08/15/00	08/14/00
204	Performance Assurance Status Report (Included in CDRL 529)	08/15/00	08/14/00
208	Perf. Verif. Rpt., Report 11490B	09/01/00	9/31/00
211	Problem/Failure Rpt Close-Out:		
	F/AR-227	08/02/00	08/01/00
	F/AR 212B	08/10/00	08/09/00
	F/AR 232	08/15/00	08/14/00
	F/AR 227A	08/18/00	08/17/00
	F/AR 224	08/30/00	08/20/00
215	Trend Data, Rpt 11672	08/02/00	08/02/00
222	Calib Data S/N 109/A1, Rpt 11667	08/03/00	08/02/00
305	Engrg Telemetry Rpt, Rpt 10377C	08/30/00	08/20/00
503	Wgt/Pwr Budgets (Included in CDRL 529)	08/15/00	08/14/00
518	Indentured Drawing Lists:		
	S/N 109/A1, Rpt 11859	08/09/00	08/09/00
521	Weekly Status Report	Weekly	8/4, 8/11, 8/18 & 8/25/00
523	Performance Measurement Status Report (Included in CDRL 534)	08/28/00	08/22/00
525	As-Built Matl List, S/N 109/A1	08/03/00	08/02/00
526	Acpt Data Pkg, S/N 109/A1, V.1, 4-5	08/03/00	08/02/00
527	As-Des Pts List (EEE), Rpt 10385D	08/03/00	08/02/00
529	Reports of Work (Mo Status Rpt)	08/15/00	08/14/00
534	Mo./Qtly. Financial Mgmt. Report (NASA Fm. 533M/533Q)	08/28/00	08/22/00
None	Calibration Log Books:	08/03/00	08/02/00
None	Aerojet Self Evaluation	08/22/00	08/21/00

7.2 Schedules Submittals. In accordance with the METSAT Master CDRL, the CDRL items listed in Table XII will be submitted to NASA during the months of September and October 2000.

Table XII September Document Submittal

CDRL No.	Description	Due to NASA	Submitted to NASA
Sep-00			
203	Configuration Management Status Rpt (Included in CDRL 529)	09/14/00	
204	Performance Assurance Status Report (Included in CDRL 529)	09/14/00	
208	Performance Verification Reports: Report 11155A	09/12/00	09/11/00
503	Weight/Power Budgets (Included in CDRL 529)	09/14/00	
521	Weekly Status Report	Weekly	
523	Performance Measurement Status Report (Included in CDRL 534)	09/25/00	
529	Reports of Work (Mo Status Rpt)	09/14/00	
534	Mo./Qtly. Financial Mgmt. Report (NASA Fm. 533M/533Q)	09/25/00	

Table XII October Document Submittal

CDRL No.	Description	Due to NASA	Submitted to NASA
Oct-00			
203	Configuration Management Status Rpt (Included in CDRL 529)	10/13/00	
204	Performance Assurance Status Report (Included in CDRL 529)	10/13/00	
503	Weight/Power Budgets (Included in CDRL 529)	10/13/00	
521	Weekly Status Report	Weekly	
523	Performance Measurement Status Report (Included in CDRL 534)	10/23/00	
529	Reports of Work (Mo Status Rpt)	10/13/00	
534	Mo./Qtly. Financial Mgmt. Report (NASA Fm. 533M/533Q)	10/23/00	

APPENDIX A

AMSU-A 90 DAY WINDOW SCHEDULE

AMSU-A 90 DAY WINDOW SCHEDULE

ID	Name	24	31	07	14	21	28	04	11	18	25	02	09	16	23	30
4385	S/N 106 A1 Instrument Storage & Maintenance															
4386	Store Unit in Bldg 57 (N)															
4610	S/N 106 A2 Instrument Storage & Maint.															
4611	Store Unit in Bldg. 57 (N)															
5206	S/N 107 A2 Instrument Storage & Maintenance															
5207	Store Unit in Bldg 57 (N)						08/20									
5208	Ship Unit To Sunnyvale						08/21		08/21							
5211	S/N 108 A1 Instrument Storage & Maintenance															
5212	Store Unit In Bldg 57 (N)															
6296	S/N 108 A2 Instrument Storage & Maintenance															
6297	Store Unit In Bldg 57 (N)															
6299	Drive Motor Spare Retest								09/06		09/06					
6404	Ship Final CPT 109 A1 PSR Data Package								08/23		08/23					
6406	109 A1 Pre Ship Review								08/15		08/15					
6407	109 A1 Unit To Temporary Storage	/31							08/20		08/20					
6408	Ship Unit 109 A1 To Sunnyvale								08/21		08/21					
6409	S/N 109 A1 Red Time (Schedule Reserve)	/31							07/31							
6410	S/N 109 A1 DD250 Date (Contract Date 8/1/00) (Shipped In Place)								08/11		08/11					
6411	S/N 109 A1 Instrument Contract Date (8/1/00)								08/11		08/11					
6739	S/N 109 SYSTEM TEST PREP & SUPPORT															
6762	PREPARE A1 CALIBRATION LOG BOOK															
6763	METOP SPACECRAFT MEETINGS															
6771	8TH MEETING (TBD BY NASA)															

MET FLIGHT 4 AMSU-A INSTRUMENT FLOAT ANALYSIS REPORT - AUGUST 2000									
UNITS & SUBASSYS	COMPLETION DATES			FLOAT			SCHEDULE DRIVER/COMMENTS		
	BASELINE 12/01/1997	FORECAST /ACTUAL	BASELINE 12/01/1997	LAST MONTH	THIS MONTH				
S/N 108 AMSU-A1 INSTRUMENT									
INSTRUMENT DELIVERY	03/30/2000	06/14/2000	0	0	0		COMPLETE		
PRE-PLANNED SCHEDULE RESERVE	03/29/2000	06/13/2000	65	-11	0		COMPLETE		
PSR	12/21/1999	06/13/2000	0	NA	NA		COMPLETE		
SHIPPING CONFIGURATION	12/19/1999	3/9/00Act	2	NA	NA		COMPLETE		
SYSTEM INTEGRATION & TEST	11/28/1999	3/3/00Act	0	NA	NA		COMPLETE		
ANTENNA ASSEMBLY	02/18/1999	5/7/99Act	0	NA	NA		COMPLETE		
SIGNAL PROCESSOR ASSY	03/16/1999	10/21/98Act	0	NA	NA		COMPLETE		
PREAMP DETECTOR ASSY	05/26/1999	3/25/98Act	0	NA	NA		COMPLETE		
DC/DC CONVERTER (FEI)	03/15/1999	11/25/98Act	0	NA	NA		COMPLETE		
A1-1 RECEIVER ASSY	05/04/1999	5/27/99Act	0	NA	NA		COMPLETE		
DROs (Litton)	10/27/1998	8/11/98Act	0	NA	NA		COMPLETE		
PLO ASSYS	10/27/1998	1/21/99Act	0	NA	NA		COMPLETE		
A1-2 RECEIVER ASSY	02/25/1999	3/16/99Act	0	NA	NA		COMPLETE		
DROs (Litton)	12/09/1998	8/11/98Act	0	NA	NA		COMPLETE		
S/N 106 AMSU-A2 INSTRUMENT									
INSTRUMENT DELIVERY	07/01/1999	12/22/1999	0	0	0		COMPLETE		
PRE-PLANNED SCHEDULE RESERVE	06/30/1999	12/21/1999	59	67	67		COMPLETE		
PSR	04/07/1999	10/27/99Act	0	NA	NA		COMPLETE		
SHIPPING CONFIGURATION	04/05/1999	10/20/99Act	0	NA	NA		COMPLETE		
SYSTEM INTEGRATION & TEST	03/22/1999	10/11/99Act	0	NA	NA		COMPLETE		
ANTENNA ASSEMBLY	07/20/1998	4/16/98Act	0	NA	NA		COMPLETE		
SIGNAL PROCESSOR ASSY	08/11/1998	5/28/98Act	0	NA	NA		COMPLETE		
PREAMP DETECTOR ASSY	6/2/97Act	6/2/97Act	NA	NA	NA		COMPLETE		
DC/DC CONVERTER (FEI)	08/17/1998	8/17/98Act	0	NA	NA		COMPLETE		
A2 RECEIVER ASSY	10/06/1998	9/3/98Act	0	NA	NA		COMPLETE		
DROs (Litton)	08/12/1998	5/8/98Act	0	NA	NA		COMPLETE		
							(NO CHANGES FOR AUGUST 2000)		

MET FLIGHT 5 AMSU-A INSTRUMENT FLOAT ANALYSIS REPORT - AUGUST 2000

UNITS & SUBASSYS	COMPLETION DATES		FLOAT			SCHEDULE DRIVER/COMMENTS
	BASELINE 12/01/1997	FORECAST /ACTUAL	BASELINE 12/01/1997	LAST MONTH	THIS MONTH	
S/N 109 AMSU-A1 INSTRUMENT						
INSTRUMENT DELIVERY	08/01/2000	08/15/2000	0	0	0	COMPLETE
PRE-PLANNED SCHEDULE RESERVE	07/31/2000	07/31/2000	63	11	11	COMPLETE
PSR	05/01/2000	08/15/00Act	0	12	NA	COMPLETE
SHIPPING CONFIGURATION	04/26/2000	07/25/00Act	1	NA	NA	COMPLETE
SYSTEM INTEGRATION & TEST	04/05/2000	07/13/00Act	0	NA	NA	COMPLETE
ANTENNA ASSEMBLY	06/29/1999	6/23/99Act	0	NA	NA	COMPLETE
SIGNAL PROCESSOR ASSY	06/22/1999	11/12/98Act	0	NA	NA	COMPLETE
PREAMP DETECTOR ASSY	10/07/1999	3/25/98Act	0	NA	NA	COMPLETE
DC/DC CONVERTER (FEI)	07/21/1999	2/26/99Act	0	NA	NA	COMPLETE
A1-1 RECEIVER ASSY	08/26/1999	6/7/99Act	0	NA	NA	COMPLETE
DROs (Litton)	05/12/1999	8/11/98Act	0	NA	NA	COMPLETE
PLO ASSYS	04/29/1999	4/21/99Act	0	NA	NA	COMPLETE
A1-2 RECEIVER ASSY	09/15/1999	5/28/99Act	0	NA	NA	COMPLETE
DROs (Litton)	07/01/1999	8/31/98Act	0	NA	NA	COMPLETE
S/N 108 AMSU-A2 INSTRUMENT						
INSTRUMENT DELIVERY	08/01/2000	06/14/2000	0	0	0	COMPLETE
PRE-PLANNED SCHEDULE RESERVE	07/31/2000	07/31/2000	111	37	33	COMPLETE
PSR	10/13/1999	06/13/00Act	0	NA	NA	COMPLETE
SHIPPING CONFIGURATION	10/11/1999	03/06/00Act	5	NA	NA	COMPLETE
SYSTEM INTEGRATION & TEST	09/27/1999	02/28/00Act	0	NA	NA	COMPLETE
ANTENNA ASSEMBLY	01/11/1999	3/1/99Act	0	NA	NA	COMPLETE
SIGNAL PROCESSOR ASSY	02/16/1999	10/15/98Act	0	NA	NA	COMPLETE
PREAMP DETECTOR ASSY	6/2/97Act	6/2/97Act	NA	NA	NA	COMPLETE
DC/DC CONVERTER (FEI)	02/22/1999	12/7/98Act	0	NA	NA	COMPLETE
A2 RECEIVER ASSY	04/13/1999	12/7/98Act	0	NA	NA	COMPLETE
DROs (Litton)	02/18/1999	8/11/98Act	0	NA	NA	COMPLETE

**August '00 Monthly Analysis
SEIT Team**

Current Status

EOS S/N 202 A1 has been delivered.
EOS S/N 202 A2 has been delivered.
METSAT S/N 105 A1 has been delivered.
METSAT S/N 105 A2 has been delivered.
METSAT S/N 106 A1 has been delivered.
METSAT S/N 107 A2 has been delivered.
METSAT S/N 107 A1 has been delivered.
METSAT S/N 109 A2 has been delivered.
METSAT S/N 106 A2 has been delivered.
METSAT S/N 108 A1 has been delivered.
METSAT S/N 108 A2 has been delivered.
METSAT S/N 109 A1 has been delivered.

Major Float Changes


None.

Existing Problem Areas

None.

Potential Problem Areas

None.

 NASA National Aeronautics and Space Administration				Report Documentation Page			
1. Report No. ---		2. Government Accession No. ---		3. Recipient's Catalog No. ---			
4. Title and Subtitle Integrated Advanced Microwave Sounding Unit-A (AMSU-A), Monthly Report for August 2000				5. Report Date September 2000			
				6. Performing Organization Code ---			
7. Author(s) A. Nieto				8. Performing Organization Report No. 10300-84			
				10. Work Unit No. ---			
9. Performing Organization Name and Address Aerojet 1100 W. Hollyvale Azusa, CA 91702				11. Contract or Grant No. NAS 5-32314			
				13. Type of Report and Period Covered Monthly			
12. Sponsoring Agency Name and Address NASA Goddard Space Flight Center Greenbelt, Maryland 20771				14. Sponsoring Agency Code ---			
15. Supplementary Notes ---							
16. ABSTRACT (Maximum 200 words) This is the Monthly Report for the Integrated Advanced Microwave Sounding Unit-A (AMSU-A).							
17. Key Words (Suggested by Author(s)) EOS Microwave System				18. Distribution Statement Unclassified --- Unlimited			
19. Security Classif. (of this report) Unclassified		20. Security Classif. (of this page) Unclassified		21. No. of pages ---			
				22. Price ---			

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4. TITLE AND SUBTITLE Integrated Advanced Microwave Sounding Unit-A (AMSU-A), Monthly Report for August 2000			5. FUNDING NUMBERS NAS 5-32314	
6. AUTHOR(S) A. Nieto				
7. PERFORMING ORGANIZATION NAME(S) AND ADDRESS(ES) Aerojet 1100 W. Hollyvale Azusa, CA 91702			8. PERFORMING ORGANIZATION REPORT NUMBER 10300-84 September 2000	
9. SPONSORING/MONITORING AGENCY NAME(S) AND ADDRESS(ES) NASA Goddard Space Flight Center Greenbelt, Maryland 20771			10. SPONSORING/MONITORING AGENCY REPORT NUMBER ---	
11. SUPPLEMENTARY NOTES ---				
12a. DISTRIBUTION/AVAILABILITY STATEMENT ---			12b. DISTRIBUTION CODE ---	
13. ABSTRACT (Maximum 200 words) This is the Monthly Report for the Integrated Advanced Microwave Sounding Unit-A (AMSU-A).				
14. SUBJECT TERMS EOS Microwave System			15. NUMBER OF PAGES	
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17. SECURITY CLASSIFICATION OF REPORT Unclassified	18. SECURITY CLASSIFICATION OF THIS PAGE Unclassified	19. SECURITY CLASSIFICATION OF ABSTRACT Unclassified	20. LIMITATION OF ABSTRACT SAR	

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